Comparative Wordcloud of Two Medical Conditions

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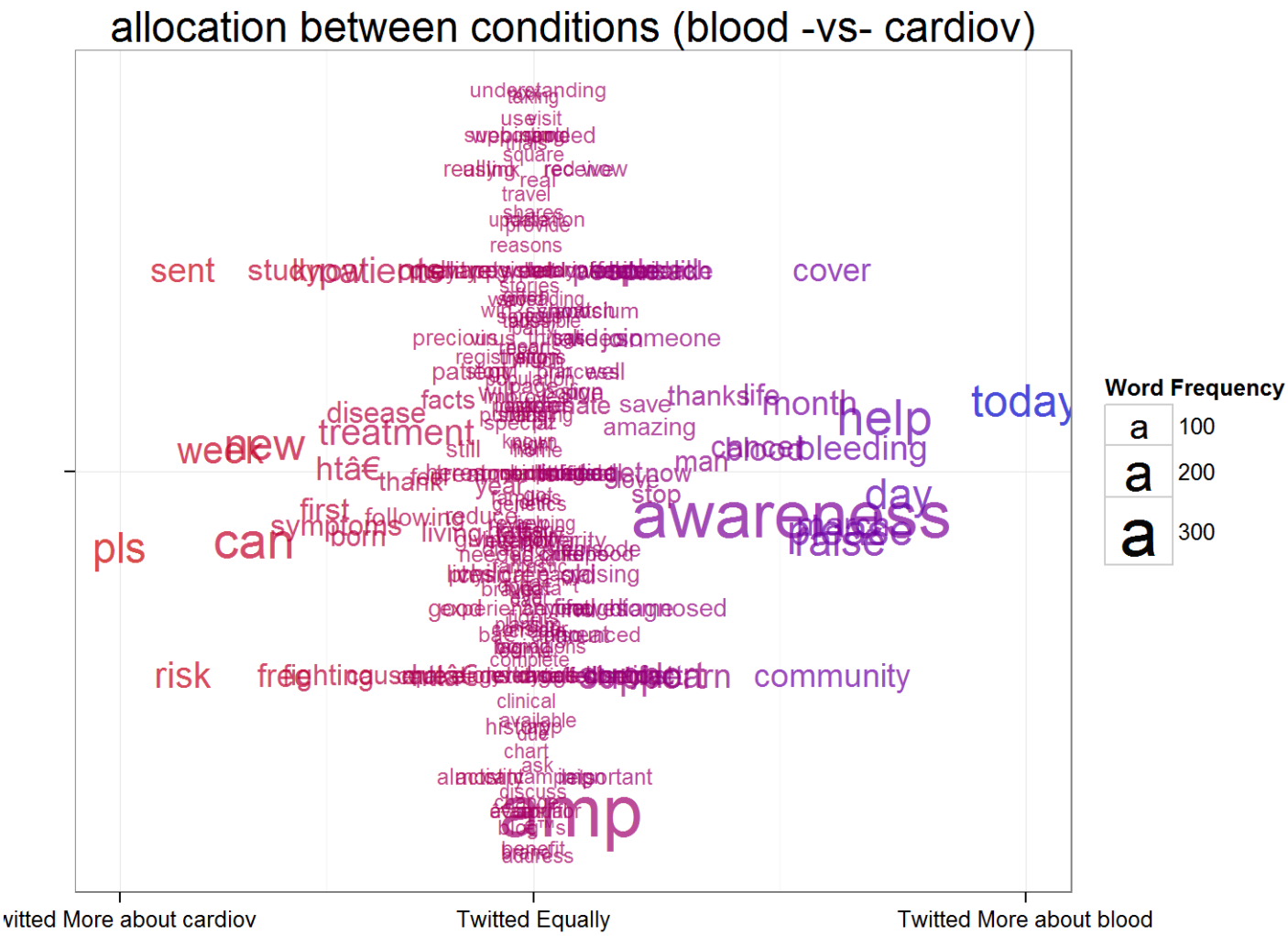
Summary

Comparative word clouds compare all categories together. Conway word clouds show how two categories allocate words between them.

These are the four medical conditions we consider here:
- Blood Disorders
- Cancer
- Cardiovascular Diseases
- Digestive Dsorders

The corpus was restricted to the first 10,000 tweets in the database for each condition and then further reduced to include only those that had been retweeted more than three times.

Blood vs Cadiovascular



Credits and Description

```
# ============================================================================
# Title:         ComparativeConway_WordCloud.R
# Author:        Gaston Sanchez
# Date:          May, 2012
# Description:   Script showing how to produce Drew Conway's better cloud
#                This example uses text from twitter messages about four
#                medical conditions.
#
# Modified by:   George Fisher
# Modified:      July 2014
#
# License:       BSD Simplified License
#                http://www.opensource.org/license/BSD-3-Clause
#                Copyright (c) 2012, Gaston Sanchez
#                All rights reserved
# ============================================================================
```

Programming Environment Details

```
## R version 3.1.0 (2014-04-10)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
##
## locale:
## [1] LC_COLLATE=English_United States.1252
## [2] LC_CTYPE=English_United States.1252
## [3] LC_MONETARY=English_United States.1252
## [4] LC_NUMERIC=C
## [5] LC_TIME=English_United States.1252
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
##
## other attached packages:
## [1] ggplot2_1.0.0      wordcloud_2.5      RColorBrewer_1.0-5
## [4] tm_0.6             NLP_0.1-3
##
## loaded via a namespace (and not attached):
##  [1] colorspace_1.2-4 digest_0.6.4     evaluate_0.5.5   formatR_0.10
##  [5] grid_3.1.0       gtable_0.1.2     htmltools_0.2.4  knitr_1.6
##  [9] labeling_0.2     MASS_7.3-33      munsell_0.4.2    parallel_3.1.0
## [13] plyr_1.8.1       proto_0.3-10     Rcpp_0.11.2      reshape2_1.4
## [17] rmarkdown_0.2.46 scales_0.2.4     slam_0.1-32      stringr_0.6.2
## [21] tools_3.1.0      yaml_2.1.13
```